



State of Utah

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

Department of Administrative Services

KIMBERLY K. HOOD
Executive Director

Division of Facilities Construction and Management

DAVID G. BUXTON
Director

ADDENDUM No. 1

Date: March 19, 2009

To: Contractors

From: Wayne Smith, Project Manager, DFCM

Reference: Building 5170 Renovation – Camp Williams
Utah National Guard
DFCM Project No. 08032470

Subject: **Addendum No. 1**

Pages	Addendum Cover Sheet	1 page
	<u>Architect's Addendum</u>	<u>10 pages</u>
	Total	11 pages

Note: This Addendum shall be included as part of the Contract Documents. Items in this Addendum apply to all drawings and specification sections whether referenced or not involving the portion of the work added, deleted, modified, or otherwise addressed in the Addendum. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to Disqualification.

While we contend that SB220 should only be potentially applicable to a contract issued after the effective date of said bill, this is to clarify that for purposes of this contract, regardless of the execution or effective dates of this contract, the status of Utah Law and remedies available to the State of Utah and DFCM, as it relates to any matter referred to or affected by said SB220, shall be the Utah law in effect at the time of the issuance of this Addendum.

1.1 **SCHEDULE CHANGES:** No schedule changes.

1.2 **GENERAL ITEMS:** See attached Architect's Addendum

ADDENDUM #1
RENOVATION OF READINESS CENTER
BUILDING 5170
CAMP WILLIAMS, UTAH

SHEET AD102

1. Replace existing sheet AD102 with attached Sheet AD102R

SHEET AE101

1. Replace existing sheet AE101 with Attached Sheet AE101R.

SHEET AE102

1. Replace existing sheet AE102 with attached sheet AE102R.

SHEET AE501

1. Revise finish schedule for rooms 202A, 202, & 203 to correspond with revised rooms on sheet AE102. See attached partial finish schedule for these rooms.

STRUCTURAL

1. Replace sheet SE003 with attached sheet SE003

MECHANICAL

1. See attached VanBoerum & Frank Associates Addendum.
2. Add the following note to detail 6/P501:
Refer to detail 2/ME303 on sheet M502 for seismic strapping of water heater.

ELECTRICAL

1. See attached Spectrum Engineers Addendum.

SPECIFICATIONS

1. Add Flush Metal Partitions Inc. as an approved manufacture for toilet partitions in Section 102113 - 2.2 A Manufactures:
2. Add Thermal Window Systems as an approved manufacture in Section 084113, Aluminum Windows
3. Add Interface as an approved carpet manufacture for carpet tile – Section 096813–2.1 under state contract #102977A. Carpet must be equal to that specified.
4. Add Columbia as an approved manufacture for toilet accessories – Section 102800-2.1
5. Revise the following sections as noted:

SECTION 017300 "EXECUTION", SECTION 017329 "CUTTING AND PATCHING", and SECTION 024119 "SELECTIVE STRUCTURE DEMOLITION"

1. Delete 017300 1.3.A, 017329 1.5.A, and 024119 1.6.D and replace with the following:

A or D. Hazardous Materials: Hazardous materials are present in the building. A report on the presence of hazardous materials is on file for review and use. Examine report to become aware of locations where hazardous materials are present.

1. Hazardous materials will be removed by Owner under a separate contract, with the exception of fluorescent light tubes and PCB ballasts. Removal may occur before and/or during work of this Contract. See Division 01 Section "Summary" for requirements related to cooperation and coordination with separate contractors under other contracts.
2. If suspected hazardous materials are encountered, do not disturb; immediately notify Architect and Owner.
3. Comply with State of Utah Department of Health Division of Solid and Hazardous Waste standards and regulations for removal and disposal of fluorescent light tubes and PCB ballasts.

MISCELLANEOUS CLARIFICATIONS

1. Information on the above wall security mesh is found in section 092216-2.4

ADDENDUM #1
 RENOVATION OF READINESS CENTER
 BUILDING 5170
 CAMP WILLIAMS, UTAH

Partial Finish Schedule

		BASE	FLR.	NORTH	EAST	SOUTH	WEST	TYPE	HEIGHT	
201	CLASS ROOM	RB	CT	PM	PM	PM	PM	AC	EX	1
202A	OFFICE	RB	CT	PM	PM	PM	PM	AC	EX	1
202	CLASS ROOM	RB	CT	PM	PM	PM	PM	AC	EX	1
203	OFFICE	RB	CT	PM	PM	PM	PM	AC	EX	1
204	CLASS ROOM	RB	CT	PM	PM	PM	PM	AC	EX	1

ADDENDUM

DATE: March 19, 2009

PROJECT NO: 8269

PROJECT: Utah National Guard, Camp
Williams, Bldg. 5170

DIVISION - 23

DRAWINGS

SHEET - M101

1. Add to Key Note 2: "(24x48 (typ) unless noted otherwise)"
2. Revise Key Note 8 to read, "Remove existing roof mounted A/C condensing unit in its entirety, **including refrigerant piping.**"
3. Revise Key note 9 to read, "Remove existing roof top unit, **including curb**, in its entirety.
4. Add General Note to this sheet, "**Patch and repair any roof penetrations relative to this work.**"

SHEET - M102

1. Keynote 1 shown at return air grilles in Upper Assembly Hall shall be changed to Keynote 2 (24"x24")
2. Revise Key Note 9 to read, "Remove existing roof mounted A/C condensing unit in its entirety, **including refrigerant piping.**"

SHEET - M201

1. Add to Key Note 5, "**Extend flue and combustion air piping to roof. Penetrate roof with concentric vent as recommended by manufacturer. Seal roof penetration as required to maintain roof warranty.**"
2. Revise Key Note 10 to read, "Install new air conditioning unit on roof in new location. Provide new roof curb and platform **similar to the existing roof mounted equipment platforms** to accommodate new unit."

SHEET - M202

1. Key Note 1 shown at return air grilles for RT-3 shall be Key Note 2 (24X24 typ.)
2. Add to Key Note 5, "**Provide condensate drain piping to exterior. Drop with condensate drain piping down exterior wall to 6" above lower roof. Discharge onto lower roof.**"
3. Add to Key Note 11, "**Provide new roof curb for new fan.**"

SHEET - M601

1. Rooftop unit Schedule - add the following notes to the schedule.
 5. Provide with winter start kit and low ambient down to 0 deg. F.
 6. Refrigerant shall be R-410a
 7. Gas heat shall be high, 2-stage.
 8. Provide a factory installed, non-fused disconnect.
3. Exhaust Fan Schedule: Delete note 3.
4. Air Cooled Condensing Unit Schedule: Delete Note 3.

SHEET - P101

1. Key Note 11 at furnaces in Maintenance 119 shall read Key Note 14.

SHEET – P102

1. Revise Key Note 3 to read, "Existing **Rooftop Unit** to be removed **in its entirety, including curb**, and replaced. Disconnect and temporarily cap gas piping."

SHEET – P401

1. 1st Floor Enlarged Water Plan: Valves shown on hot water return lines shall be calibrated balancing valves.
2. 1st floor Enlarged Plumbing Plan: LAV-1 shown shall be L-1.

PRIOR APPROVALS

The following manufacturers, trade names and products are allowed to bid on a name brand only basis with the provision that they completely satisfy all and every requirement of the drawings, specifications and all addenda shall conform to the design, quality and standards specified, established and required for the complete and satisfactory installation and performance of the building and all its respective parts.

<u>Item</u>	<u>Manufacturer</u>	<u>Comments</u>
Rooftop Unit RTU-2,3	Reznor	
Exhaust Fans EF-1-5	Captive Aire Exhaust Fans	
Split System A/C Units	Daikin AC	
Split System A/C Units	Samsung	



**SPECTRUM
ENGINEERS**

Doing what's right: yesterday, today and tomorrow

Addendum #1

To:	Jerry Aurich	Telephone:	(801) 521-8564
Company:	EFT Architects	Fax:	(801) 355-2938
	265 East 100 South, Suite 350	Copies to:	File
	Salt Lake City, Utah 84111		
From:	David Affleck	Telephone:	801-401-8473
Job:	Camp Williams BLDG 5170	Toll Free:	800-678-7077
	Readiness Center		
Re:	Addendum #1	Fax:	801-401-9473
Job Number:	20080419	E-mail:	dla@spectrum-engineers.com
Date:	March 19, 2009	Page:	1 of 1

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Addenda Items

In regards to Utah National Guard Camp Williams Building 5170 Readiness Center located in Bluffdale, Utah.

1. Assembly Hall 113: Provide 3-each 3-way switches just to the east of the man door at gridline B:2 and 3-each 3-way switches on the wall just east of gridline of C:5. Each set of 3-way switches will control 1 row (1 circuit) of the high bay fluorescent light fixtures.
2. The "Cable Tray" shown on sheets EP101 and EP102 is 12 inch wide basket tray, and is not ladder type cable tray as indicated in the specifications.
3. Add a 4-inch conduit stub from the primary side of the new pad mounted transformer. Extend the conduit stub, out a minimum of 5-feet beyond the concrete pad, to the east. Provide a cap and label on the spare stub out conduit for the future connection to pad-mounted switch.
4. HF-99 fixtures shall be from the same family and have the same performance but shall be grid mounting type or provided with flange kit for mounting in grid ceiling.
5. The wall between Classroom 202 and Classroom 203 has been removed and there are two power outlets stubbed above the floor. Contractor shall remove and relocate outlets to 2 separate adjacent walls in the new room. Coordinate with Utah National Guard staff for desired location of outlets.
6. Prior approved equals
 - a. HF-99: the equivalent fixture in Columbia Lighting is considered to be equal.

We trust this is the information you require.

David Affleck, Spectrum Engineers

Spectrum Engineers, Inc.

Mechanical Engineering ♦ Electrical Engineering ♦ Technology Design ♦ Lighting Design ♦ Acoustical Engineering
Theater Design ♦ Fire Protection

SALT LAKE CITY PHOENIX ST. GEORGE
800-678-7077

www.spectrum-engineers.com

CONSULTANT INFORMATION

KEYED NOTES

1. REMOVE EXISTING PANELING & FIBER BOARD ON THIS WALL - REPLACE WITH NEW 5/8" TYPE X GYPSUM BOARD AND PREP WALL FOR REPAINTING
2. REMOVE EXISTING PANELING AND WOOD FLOORING ON ALL 4 WALLS IN THIS ROOM. REPLACE WITH NEW 5/8" TYPE X GYPSUM BOARD AND PREP FOR PAINTING.
3. REMOVE EXISTING PANELING ON THIS WALL - REPAIR AND PREP WALL FOR REPAINTING
4. REMOVE EXISTING SLIP RESISTANT MATERIAL FROM EXISTING TREADS
5. CUT OPENING FOR NEW DOOR
6. REMOVE EXISTING CERAMIC TILE ON WALLS AND FLOOR IN THIS RESTROOM - SALVAGE ENOUGH WALL TILE FOR REPAIRS IN ADJACENT WOMEN'S RESTROOMS.
7. REMOVE EXISTING SINKS, URINAL, TOILET, SHOWN, DASHED & ACCESSORIES IN BOTH RESTROOMS - SALVAGE FOR RELOCATION
8. DEMOLISH THIS WALL AND REMOVE CEILING BACK TO NEW WALL LINE
9. REMOVE EXISTING TOILET PARTITIONS & MIRRORS IN BOTH RESTROOMS
10. CUT OPENING FOR NEW DOOR TO NEW STORAGE ROOM.
11. DEMOLISH EXISTING SHAFT & ASSOCIATED DUCT - CAP DUCT ABOVE CEILING
12. REMOVE EXISTING DOOR AND ENLARGE OPENING FOR NEW DOOR
13. REMOVE EXISTING DOOR AND INFILL OPENING WITH CMU TO MATCH ADJACENT.
14. REMOVE EXISTING DOORS AND PREP OPENING FOR 3' X 7' METAL FRAME
15. REMOVE REMAINING CEILING GRID COMPONENTS FROM THIS ROOM
16. SEE CEILING PLANS FOR ROOMS WHERE THE EXISTING CEILING TILE IS TO BE REMOVED. EXISTING CEILING GRID TO REMAIN AND TILE TO BE REPLACED WITH NEW - TYPICAL. SALVAGE EXISTING TILE FOR REPLACING DAMAGED TILES IN ROOM NOT GETTING NEW TILE.
17. DEMOLISH THIS WALL AND REPAIR WALL AND FLOOR WITH TILE SALVAGED FROM OTHER RESTROOMS BEING DEMOLISHED
18. REMOVE EXISTING DOOR AND FRAME
19. CUT OPENING IN EXISTING MASONRY WALL FOR NEW 3'X7' METAL DOOR AND FRAME

GENERAL NOTES

1. REMOVE EXISTING CEILING TILE IN ALL 2ND FLOOR ROOMS, HALLS, AND LOBBY.
2. REMOVE CARPET IN ALL 2ND FLOOR ROOMS, HALLS, & LOBBY WITH EXISTING CARPET.
3. MAKE EVERY EFFORT POSSIBLE TO SALVAGE ENOUGH TILE FROM THE DEMOLITION OF THE FIRST AND SECOND FLOOR MEN'S ROOMS TO REPAIR THE TILE IN THE 2ND FLOOR WOMEN'S ROOM WHERE FIXTURES ARE BEING RELOCATED AND WHERE THE DUCT CHASE IS BEING DEMOLISHED IN THE NORTHEAST CORNER OF THE 2ND FLOOR WOMEN'S ROOM.

Utah National Guard

RENOVATION OF READINESS CENTER

BUILDING 5170

CAMP W.G. WILLIAMS, UTAH

SHEET TITLE

2ND FLR. DEMO. PLN.

REVISIONS

DATE	BY	DESCRIPTION
2-19-09		ADDN #1

DESIGNED BY

JRA

CHECKED BY

ERT

PROJECT NO.

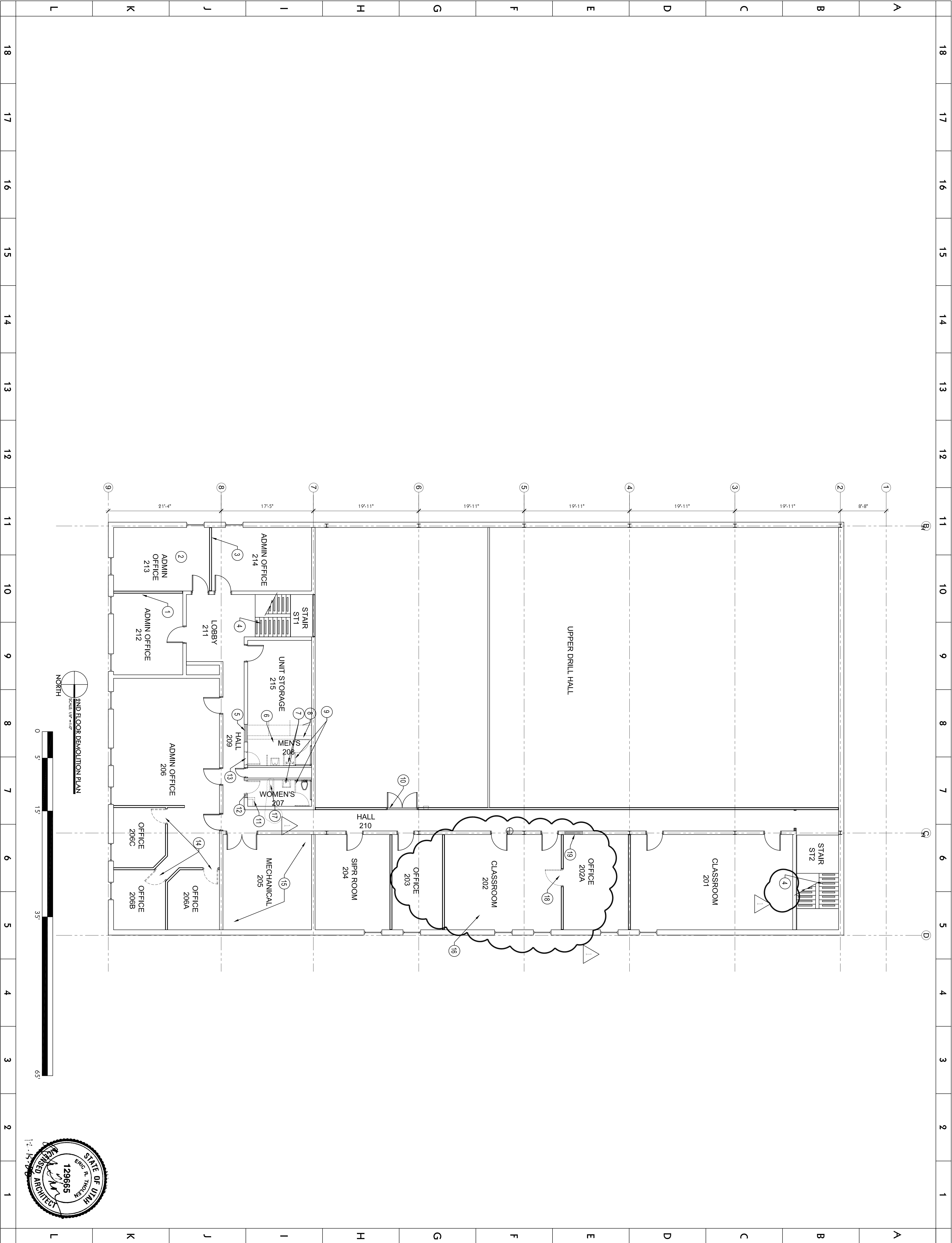
08032470 CW

DATE

DEC. 15, 2008

BRAINING NO.

AD102R



CONSULTANT INFORMATION

KEYED NOTES

1. NEW CERAMIC TILE FLOOR THROUGHOUT ENTIRE RESTROOM /SHOWER AREA.
2. SLOPE NEW FLOOR TO FLOOR DRAINS AT 1/8" PER FOOT.
3. NEW CERAMIC TILE FLOOR & BASE IN LOCKER ROOM TO MATCH RESTROOM FLOOR.
4. NEW 9' X 10'-0" BENCH

5. REINSTALL LOCKERS REMOVED FROM OLD LOCKER ROOM - 5% OF OWNER FURNISHED LOCKER TO BE ACCESSIBLE
6. AREA OF NEW MEZZANINE SEE STRUCTURAL FOR DEMOLITION REQUIRED FOR INSTALLATION OF FOOTINGS & COLUMNS AND DESIGN OF MEZZANINE
7. REPLACE EXISTING SEWER LINE - SEE MECHANICAL - REPAIR FLOOR WHERE DAMAGED OR SAW CUT
8. NEW METAL DOORS AND FRAMES AND HARDWARE - PAINTED
9. SEE CEILING PLANS FOR ROOMS WHERE THE EXISTING CEILING TILE IS TO BE REMOVED - EXISTING CEILING GRID TO REMAIN AND TILE TO BE REPLACE WITH NEW, TYPICAL

10. REPAIR & REPAINT SOFFIT
11. NEW STOREFRONT ENTRY DOORS, FRAMES, & SIDELIGHTS
12. NEW STAIRWAY SECURITY ENCLOSURE W/ NEW METAL DOOR, FRAME & SECURITY HARDWARE
13. PATCH AND REPAIR EXISTING SURFACE TO MATCH ADJACENT AT NEW STOREFRONT
14. REPAINT W/ EPOXY PAINT - EXISTING STAIR LANDING, RAILINGS ETC THAT ARE CURRENTLY PAINTED GREEN - COLOR AS SELECTED BY GUARD

15. REPAIR CEILING & WALLS WHERE HOODS, PLYWOOD, SINKS ETC. WERE REMOVED AND REPAINT WALLS AND CEILING ABOVE TILE LINE TO MATCH ADJACENT.
16. NEW SINK & SINK CABINET
17. REPLACE ALL MISSING OR DAMAGED CEILING TILE IN CORRIDOR 123, 135, 158, & 159 WITH NEW MATCHING CEILING TILE
18. PATCH TILE WHERE SEAT, CURB, AND WALL WERE REMOVED W/ MATCHING TILE OR AS SELECTED BY THE ARCHITECT

19. RECAP END OF WALL WITH MATCHING TILE IF AVAILABLE OR AS SELECTED BY THE ARCHITECT
20. NEW ACCESSIBLE SHOWER FIXTURES AND SEAT.
21. NEW SINK & 30" PLASTIC LAMINATE COUNTER TOP SEE 11/AE202
22. CENTER MIRROR ON NEW SINK AND RELOCATE SOAP DISPENSER ON OPPOSITE SIDE
23. NEW 6'x8' BO' WALL - PAINTED
24. NEW DOOR

25. REPLACE MISSING OR DAMAGED CEILING TILE IN CORRIDOR 123, 135, 158, & 159 WITH NEW MATCHING CEILING TILE
26. REPAINT EXISTING EXPOSED STRUCTURE
27. NEW GYP' BOARD WALL, PAINT TO MATCH ADJACENT. REUSE EXISTING DOORS AND HARDWARE. RELOCATE EXISTING CONSULT INTO NEW WALL.
28. WOMEN'S LOCKERS - O.F.O.I. - (N.I.C.) 5% OF OWNER FURNISHED LOCKER TO BE ACCESSIBLE
29. NEW MASONRY WALL - SEE STRUCTURAL FOR ATTACHMENT TO STRUCTURE
30. DO NOT DAMAGE TILE ON EXISTING WALLS TO REMAIN

31. REPLACE FLOOR TILE REMOVED FOR INSTALLATION OF FOOTINGS WITH NEW TO MATCH EXISTING
32. NEW DUEL LEVEL DRINKING FOUNTAIN - SEE 12/AE203 & MECHANICAL
33. 20' X 42' X 17 1/2" HIGH BENCH ANCHORED TO FLOOR
34. 30' X 48" CLEAR FLOOR SPACE

1. UNLESS OTHERWISE NOTED REFINISHING OF ROOM FINISHES ARE ONLY BEING DONE IN THE SPACES SOUTH OF GRID 'D'. CONTRACTOR IS REQUIRED TO REPAIR ANY DAMAGE CAUSED BY THE REPLACEMENT OF WINDOWS THROUGHOUT THE BUILDING INCLUDING THOSE NORTH OF GRID 'D'.
2. MAKE EVERY EFFORT POSSIBLE TO SALVAGE ENOUGH TILE FROM THE DEMOLITION OF THE FIRST AND SECOND FLOOR MEN'S ROOMS TO REPAIR THE TILE IN THE 2ND FLOOR WOMEN'S ROOM WHERE FIXTURES ARE BEING RELOCATED AND WHERE THE DUCT CHASE IS BEING DEMOLISHED IN THE NORTHEAST CORNER OF THE 2ND FLOOR WOMEN'S ROOM.

U.S. ARMY
CORPS OF ENGINEERS

Utah National Guard
RENOVATION OF BUSINESS CENTER
BUILDING 5170
CAMP WILLIAMS, UTAH

SHEET TITLE
1ST FLOOR PLAN.

REVISIONS	DATE	BY	DESCRIPTION
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Δ	2-16-09	ADDN #1	
Δ			
Δ			

DESIGNED BY JRA	CHECKED BY ERT
PROJECT NO. 08039470 CW	DRAWING NO. AE101R
DATE DEC. 15, 2008	



CONSULTANT INFORMATION

KEYED NOTES

1. SEE CEILING PLANS FOR ROOMS WHERE THE EXISTING CEILING TILE IS TO BE REMOVED. - EXISTING CEILING GRID TO REMAIN AND TILE TO BE REPLACED WITH NEW. TYPICAL
2. REPAIR W/ SLIP RESISTANT EPOXY PAINT. EXISTING STAIR LANDING, RAILINGS ETC THAT ARE CURRENTLY PAINTED GREEN - COLOR AS SELECTED BY GUARD
3. 1 HR FIRE RATED SEMI RECESSED FIRE EXTINGUISHER CABINET - MOUNTED AT 4'-0" TO TOP OF CABINET ABOVE FINISH FLOOR
4. EXTEND EXISTING WALLS TO ROOF STRUCTURE WITH 1 HOUR FIRE RATED GYP. BOARD METAL STUD WALL. FIRESTOP ALL PENETRATIONS. PROVIDE 1 HOUR FIRE RATED JOINT AT TOP OF WALL.
5. REPAIR WALL WHERE OPENING WAS CUT. REPAINT BOTHE SIDES TO MATCH ADJACENT SURFACE.
6. NEW 1 HOUR FIRE RATED GYP. BOARD/METAL STUD WALL TO ROOF STRUCTURE. FIRESTOP ALL PENETRATIONS. PROVIDE 1 HOUR FIRE RATED JOINT AT TOP OF WALL.
7. PATCH AND REPAIR AREA WHERE EXISTING SHAFT WAS DEMOLISHED TO MATCH ADJACENT.
8. TOWEL DISPENSER TBA#2 - TYP.
9. NEW ACCESSIBLE SINK
10. SOAP DISPENSER TBA#3 - TYP.
11. MIRROR @ EA SINK TBA#6 - TYP.
12. SANITARY WAPNIN DISPOSAL UNIT TBA#5 - TYP.
13. SLOPE FLOORS TO DRAINS @ 1/8" PER FOOT
14. NEW ACCESSIBLE TOILET STALL
15. GRAB BARS TBA#4 - TYP.
16. VERTICAL GRAB BAR TBA#4 - TYP.
17. TOILET PAPER DISPENSER TBA#1 - TYP.
18. NEW ACCESSIBLE SHOWER STALL
19. ROBE HOOK FOR EACH SHOWER TBA#10 - TYPICAL
20. REPAIR CEILING W/ NEW GYP BD CEILING IN AREA BETWEEN OLD WALL AND NEW WALL LOCATION
21. NEW INSULATED METAL STUD WALL W/ 5/8" GYP BD EACH SIDE
22. HLL IN OLD DOOR OPENING WITH NEW MASONRY TO MATCH EXISTING.
23. RELOCATE EXISTING TOWEL DISPENSER, MIRROR AND SOAP DISPENSER.
24. NEW SOAP DISH INSTALLED AT SHOWERS TYP.
25. OWNER FURNISHED CONTRACTOR INSTALLED LOCKERS.

- GENERAL NOTES
1. MAKE EVERY EFFORT POSSIBLE TO SALVAGE ENOUGH TILE FROM THE DEMOLITION OF THE FIRST AND SECOND FLOOR MEN'S ROOMS TO REPAIR THE TILE IN THE 2ND FLOOR WOMEN'S ROOM WHERE FIXTURES ARE BEING RELOCATED AND WHERE THE DUCT CHASE IS BEING DEMOLISHED IN THE NORTHEAST CORNER OF THE 2ND FLOOR WOMEN'S ROOM.
26. 20' X 42' X 1 1/2" HIGH BENCH ANCHORED TO FLOOR
27. 20' X 48" CLEAR FLOOR SPACE
28. 20' X 72' X 1 1/2" HIGH BENCH ANCHORED TO FLOOR
29. RELOCATE ELECTRICAL BOX - SEE ELECT ADDN.
30. NEW METAL DOOR & FRAME PAINTED - MATCH DOOR 01 ON 1ST FLOOR SCHEDULE



SHEET TITLE
2ND FLOOR PLAN

REVISIONS DATE BY DESCRIPTION

2-20-09 ADDN #1

DESIGNED BY JRA

CHECKED BY ERT

PROJECT NO 08032470 CW

DATE DEC. 15, 2008

	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1																																																																																																																																																
A									<div>SPECIAL INSPECTION AND TESTING (IBC 1704)</div> <div>Indicate required Special inspections for project by checking the appropriate boxes:</div> <div>FABRICATORS (IBC1704.2)</div> <table><tr><td><input checked="" type="checkbox"/> Approved Fabricator</td><td>Fabricators Name:</td><td>Fabricators must be on the DFCM approved fabricators list</td></tr><tr><td><input type="checkbox"/> Unapproved Fabricator</td><td>Fabricators Name:</td><td></td></tr><tr><td colspan="3">In-plant inspections (For Non-AISC-Certified Fabricators only)</td></tr><tr><td><input checked="" type="checkbox"/> Steel Construction</td><td><input checked="" type="checkbox"/> Welding</td><td><input checked="" type="checkbox"/> Details</td></tr></table> <div>STEEL (IBC1704.3)</div> <table><thead><tr><th>Item</th><th></th><th>Reference/Comments</th></tr></thead><tbody><tr><td>High Strength Bolting(1704.3.3)</td><td><input type="checkbox"/> Continuous <input checked="" type="checkbox"/> Periodic</td><td>AISC Specification for Structural Joints Using ASTM A325 or A490 Bolts</td></tr><tr><td colspan="3">WELDING (1704.3.1)</td></tr><tr><td colspan="3">Details (1704.3.2)</td></tr><tr><td>Complete & partial penetration groove welds</td><td><input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Periodic</td><td>AISC 341-05 App Q-X, AWS D1.1</td></tr><tr><td>Multipass fillet welds</td><td><input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Periodic</td><td>AISC 341-05 App Q-X, AWS D1.1</td></tr><tr><td>Single-pass fillet welds > 5/16"</td><td><input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Periodic</td><td>AISC 341-05 App Q-X, AWS D1.1</td></tr><tr><td>Single-pass fillet welds < 5/16"</td><td><input type="checkbox"/> Continuous <input checked="" type="checkbox"/> Periodic</td><td>AISC 341-05 App Q-X, AWS D1.1</td></tr><tr><td>Floor & roof deck welds</td><td><input type="checkbox"/> Continuous <input checked="" type="checkbox"/> Periodic</td><td>AWS D1.3</td></tr><tr><td>REINFORCEMENT STEEL</td><td><input type="checkbox"/> Continuous</td><td>N/A</td></tr><tr><td>Verification of weldability</td><td><input type="checkbox"/> Continuous <input type="checkbox"/> Periodic</td><td>N/A</td></tr><tr><td>Shear wall and shear reinforcement</td><td><input type="checkbox"/> Continuous <input type="checkbox"/> Periodic</td><td>N/A</td></tr><tr><td>Other reinforcement</td><td><input type="checkbox"/> Continuous <input checked="" type="checkbox"/> Periodic</td><td>ACI 318 3.5.2</td></tr><tr><td>Steel frame joint details</td><td><input type="checkbox"/> Continuous <input checked="" type="checkbox"/> Periodic</td><td>IBC 1704.3.2</td></tr></tbody></table> <div>CONCRETE CONSTRUCTION (IBC1704.4)</div> <table><thead><tr><th>Item</th><th></th><th>Reference/Comments</th></tr></thead><tbody><tr><td>Materials (1704.4.1)</td><td><input type="checkbox"/> Continuous <input type="checkbox"/> Periodic</td><td>Obtain mix design histories per ACI 318 Sec. 5.3.1</td></tr><tr><td>Steel placement</td><td><input type="checkbox"/> Continuous <input checked="" type="checkbox"/> Periodic</td><td>100% visual inspection prior to concrete placement per ACI 318 Chapter 7 and ACI 301 Section 3</td></tr><tr><td>Steel welding</td><td><input type="checkbox"/> Continuous <input type="checkbox"/> Periodic</td><td>N/A</td></tr><tr><td>Bolts prior & during placement</td><td><input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Periodic</td><td>100% visual inspection prior to concrete placement per ACI 318 App D, ACI 355.2</td></tr><tr><td>Use of required design mix</td><td><input type="checkbox"/> Continuous <input checked="" type="checkbox"/> Periodic</td><td>Verify the use correct mix design at delivery of each batch</td></tr><tr><td>Concrete sampling for strength test, slump, air content, and temperature of concrete</td><td><input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Periodic</td><td>Extent and frequency of testing per ACI 318 6.5.2 and ACI 301 1.6.4 and project specification. 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<div>Structural fill lift thickness</div> <div><input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Periodic IBC 1803.5, project specification, and approved geotechnical report</div> <div>Structural fill soil densities</div> <div><input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Periodic IBC 1803.5, project specification, and approved geotechnical report</div> <div>Backfill soils materials</div> <div><input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Periodic IBC 1803.5, project specification, and approved geotechnical report</div> <div>Backfill soil densities</div> <div><input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Periodic IBC 1803.5, project specification, and approved geotechnical report</div> <div>Fill material under side walks and parking</div> <div><input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Periodic IBC 1803.5, project specification, and approved geotechnical 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<div><div><div></div><div></div><div></div></div><div><div>Harris and AssociatesSM</div></div></div> <div>265 East 100 South Suite 350 Salt Lake City, Utah 84111-1604 Ph (801) 521-8564 Fax (801) 355-2938</div>																							
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